

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1 1. (Previously Presented) A method of performing wireless communications,
2 comprising:
3 communicating bearer traffic for a packet-switched communications session
4 between a mobile station and a first base station associated with a first type of wireless system;
5 determining if handoff is required from the first base station to a second base
6 station associated with a second, different type of wireless system; and
7 in response to determining that the handoff is required, sending a message from
8 the first base station to the second base station, the message indicating to the second base station
9 that handoff is required.

1 2. (Cancelled)

1 3. (Original) The method of claim 1, wherein the first base station comprises an IS-
2 2000 base station, and wherein communicating the bearer traffic comprises communicating the
3 bearer traffic between the mobile station and the IS-2000 base station.

1 4. (Original) The method of claim 3, wherein determining if handoff is required
2 from the first base station to the second base station comprises determining if handoff is required
3 from the IS-2000 base station to a 1xEV access network.

1 5. – 7. (Cancelled)

1 8. (Original) The method of claim 1, wherein the first base station comprises a
2 1xEV access network, and wherein communicating the bearer traffic comprises communicating
3 the bearer traffic between the mobile station and the 1xEV access network.

1 9. (Currently Amended) The method of claim 8, wherein determining if handoff is
2 required from the first base station to the second base station comprises determining if handoff is
3 required from the 1xEV access network to ~~an IS-2000~~ a 1xRTT base station.

1 10. – 11. (Cancelled)

1 12. (Previously Presented) The method of claim 1, further comprising sending
2 another message from the second base station to the first base station to initiate a handoff
3 procedure.

1 13. (Previously Presented) The method of claim 12, further comprising sending a
2 further message from the first base station to the second base station to indicate that the mobile
3 station has been directed to hand off to the second base station.

1 14. (Previously Presented) The method of claim 1, wherein sending the message
2 comprises sending the message over a link between the first base station and the second base
3 station.

1 15. (Previously Presented) The method of claim 1, further comprising performing a
2 hard handoff between the first base station and the second base station.

1 16. (Currently Amended) An apparatus associated with a first base station system
2 that performs wireless communications with a mobile station according to a first protocol, the
3 apparatus comprising:

4 an interface to a second base station system that performs wireless

5 communications with the mobile station according to a second, different protocol; and

6 a controller ~~adapted~~ to communicate bearer traffic for a packet-switched
7 communications session with ~~[[a]]~~ the mobile station,

8 the controller ~~adapted~~ to further exchange messaging with the second base station
9 system through the interface to perform a handoff of the packet-switched communications
10 session from the first base station system to the second base station system.

1 17. (Currently Amended) The apparatus of claim 16, wherein the controller is
2 ~~adapted~~ to perform the handoff by performing a hard handoff.

1 18. (Currently Amended) The apparatus of claim 16, wherein the controller is
2 ~~adapted~~ to communicate bearer traffic according to ~~IS-2000~~ a 1xRTT format with the mobile
3 station.

1 19. (Cancelled)

1 20. (Currently Amended) The apparatus of claim 18, wherein the second base station
2 system comprises a 1xEV base station, and wherein the controller is ~~adapted~~ to exchange the
3 messaging with the 1xEV base station.

1 21. (Currently Amended) The apparatus of claim 16, wherein the controller is
2 ~~adapted~~ to exchange the messaging by sending a message indicating that a handoff is required to
3 the second base station system through the interface.

1 22. (Currently Amended) The apparatus of claim 21, wherein the controller is
2 ~~adapted~~ to exchange the messaging by receiving a message initiating the handoff procedure.

1 23. (Currently Amended) The apparatus of claim 22, wherein the controller is
2 ~~adapted~~ to send a further message from the first base station system to the second base station
3 system to indicate that the mobile station has been directed to hand off to the second base station
4 system.

1 24. (Currently Amended) An article comprising at least one storage medium
2 containing instructions that when executed cause a first base station system to:
3 exchange signaling according to a first protocol with a mobile station to establish
4 a packet-switched communications session between the mobile station and another endpoint;
5 determine if a handoff is required to a second base station system that performs
6 wireless communications with the mobile station according to a second, different protocol; and
7 exchange messaging with the second base station system through a link between
8 the first and second base station systems to perform the handoff.

1 25. (Currently Amended) The article of claim 24, wherein the first base station
2 comprises ~~an IS-2000~~ a 1xRTT base station, and wherein the instructions when executed cause
3 the first base station system to exchange ~~IS-2000~~ 1xRTT signaling with the mobile station.

1 26. (Currently Amended) The article of claim 25, wherein the instructions when
2 executed cause the first base station system to determine if handoff is required by determining if
3 handoff is required from the ~~IS-2000~~ 1xRTT base station to one of a 1xEV access network and a
4 High Data Rate (HDR) access network.

1 27. (Original) The article of claim 24, wherein the first base station comprises one of
2 a High Data Rate (HDR) access network and a 1xEV access network, and wherein the
3 instructions when executed cause the first base station system to exchange one of High Data Rate
4 (HDR) signaling and 1xEV signaling with the mobile station.

1 28. (Currently Amended) The article of claim 27, wherein the instructions when
2 executed cause the first base station system to determine if handoff is required by determining if
3 handoff is required from the one of [[a]] the High Data Rate (HDR) access network and 1xEV
4 access network to a ~~IS-2000~~ 1xRTT base station.

1 29. (Previously Presented) The article of claim 24, wherein the instructions when
2 executed cause the first base station system to exchange the messaging by sending a message to
3 the second base station system indicating that a handoff is required.

1 30. (Previously Presented) The method of claim 1, wherein sending the message
2 comprises sending the message over a link that directly connects the first base station and second
3 base station.

1 31. (Previously Presented) The apparatus of claim 16, wherein the interface allows
2 the messaging to be sent from the first base station system directly to the second base station
3 system.

1 32. (Previously Presented) The article of claim 24, wherein exchanging the
2 messaging with the second base station through the link comprises exchanging the messaging
3 with the second base station through the link that directly connects the first base station system to
4 the second base station system.

1 33. (New) The method of claim 1, wherein the mobile station comprises a hybrid
2 mobile station that is able to support at least two different wireless communications protocols
3 including a first wireless communications protocol and a second wireless communications
4 protocol,

5 wherein determining if the handoff is required from the first base station to the
6 second base station comprises determining if the handoff is required from the first base station
7 that communicates with the hybrid mobile station according to the first wireless communications
8 protocol, to the second base station that communicates with the hybrid mobile station according
9 to the second wireless communications protocol.

1 34. (New) The method of claim 33, wherein the first wireless communications
2 protocol comprises a 1xEV protocol, and the second wireless communications protocol
3 comprises a 1xRTT protocol.

1 35. (New) The apparatus of claim 16, wherein the mobile station comprises a hybrid
2 mobile station that is able to perform wireless communications according to both the first and
3 second protocols, the controller to communicate the bearer traffic with the hybrid mobile station.

1 36. (New) The apparatus of claim 35, wherein the first protocol comprises a 1xEV
2 protocol, and the second protocol comprises a 1xRTT protocol.

1 37. (New) The article of claim 24, wherein exchanging the signaling with the mobile
2 station comprises exchanging the signaling with a hybrid mobile station that is able to perform
3 wireless communications according to both the first and second protocols.

1 38. (New) The article of claim 37, wherein the first protocol comprises a 1xEV
2 protocol, and the second protocol comprises a 1xRTT protocol.